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Self-adapting method for mobile communication transmitting signals

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Abstract

The self adaptable regulating method for mobile communication transfer signals of time division duplex system is carried out by a) measuring SIRdown by mobile station and transferring its value to the correspondant base station, receiving it by the base station and measuring the SIRup, b) comparing the both SIR by the base station to make weighted adding their values if their difference is less than a threshold and to obtain the processed, SIRest, c) giving a reply ACK or NACK to the base station according to the CRC of the received data blocks by the mobile station, and d) regulating modified level or transmitting power according to the result of comparison between the SIRest and its reference and the said received reply signals, then return to the step a.

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